```
{'name': 'SR'}

[Program finished]
```

```python
1  #What is dictionary in Python? Explain with an
   example
2  """Python dictionary is an unordered collection of
   items"""
3  """A dictionary has key/value pairs"""
4  """Dictionaries are optimized to retrieve values when
   the key is known."""
5  dict={'name':'SR'}
6  print(dict)
```

```
[{}, {}, {}]

[Program finished]
```

```python
# Write a Python program to create a list of empty
dictionarie
list = ( { }, { }, { } )
print ( list )
```

```
SR
18
None

[Program finished]
```

```python
# Write a Python program to access dictionary key
element by index.
dict1 = { 'name' : 'SR' , 'age' : 18 }
print ( dict1 . get ( 'name' ) )
print ( dict1 . get ( 'age' ) )
print ( dict1 . get ( 'address' ) )
```

15

[Program finished]

```python
# Write a Python program to sum all the items in a list.
list=[1,2,3,4,5]
print( sum( list ) )
```